

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**DIPLOMA IN MEDICAL LAB TECHNOLOGY EXAMINATION
March 2019
Second Year
PATHOLOGY - II**

Time: Three hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Describe different types of microscopes and add a detailed note on Electron Microscope.
2. Classify fixatives and write in detail about different types of fixatives.

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Haematocrit.
4. Explain about the applications of computer in pathology.
5. Museum Technology.
6. Haemoporesis.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Decalcification Methods.
8. Vangeison Stain.
9. Plasma heptoglobin.
10. Tests for autoimmune hemolytic anemia.
11. Paraffin section cutting.
12. Determination of ESR.
13. Sickling test.
14. Coombs test.
15. Red blood cell count.
16. Absolute Eosinophil count.
